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Datasheet for ABIN7266166
anti-CCRN4L antibody (AA 132-431)

1 Image

Overview

Quantity:	100 µL
Target:	CCRN4L
Binding Specificity:	AA 132-431
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCRN4L antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	NOCT Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 132-431 of human NOCT (NP_036250.2).
Sequence:	LRTDCPSTHP PIRVMQWNIL AQALGEGKDN FVQCPVEALK WEERKCLILE EILAYQPDIL CLQEVDHYFD TFQPLLSRLG YQGTFFPKPW SPCLDVEHNN GPDGCALFFL QNRFKLVNSA NIRLTAMTLK TNQVAIAQTL ECKESGRQFC IAVTHLKART GWERFRSAQG CDLLQNLQNI TQGAKIPLIV CGDFNAEPTE EVYKHFASS LNLNSAYKLL SADGQSEPPY TTKWIRTSGE CRHTLDYIWY SKHALNVRSA LDLLTEEQIG PNRLPSFNYP SDHLSLVCDF SFTEESDGLS
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: CCRN4L

Alternative Name: NOCT ([CCRN4L Products](#))

Background: The protein encoded by this gene is highly similar to Nocturnin, a gene identified as a circadian clock regulated gene in *Xenopus laevis*. This protein and Nocturnin protein share similarity with the C-terminal domain of a yeast transcription factor, carbon catabolite repression 4 (CCR4). The mRNA abundance of a similar gene in mouse has been shown to exhibit circadian rhythmicity, which suggests a role for this protein in clock function or as a circadian clock effector. ,NOCT,CCR4L,CCRN4L,Ccr4c,NOC,nocturnin,Neuroscience,NOCT

Molecular Weight: 48kDa

Gene ID: 25819

UniProt: [Q9UK39](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

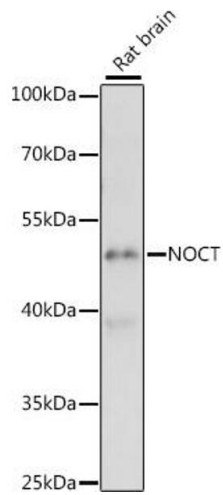
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of rat brain, using NOCT antibody (ABIN7266166) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.